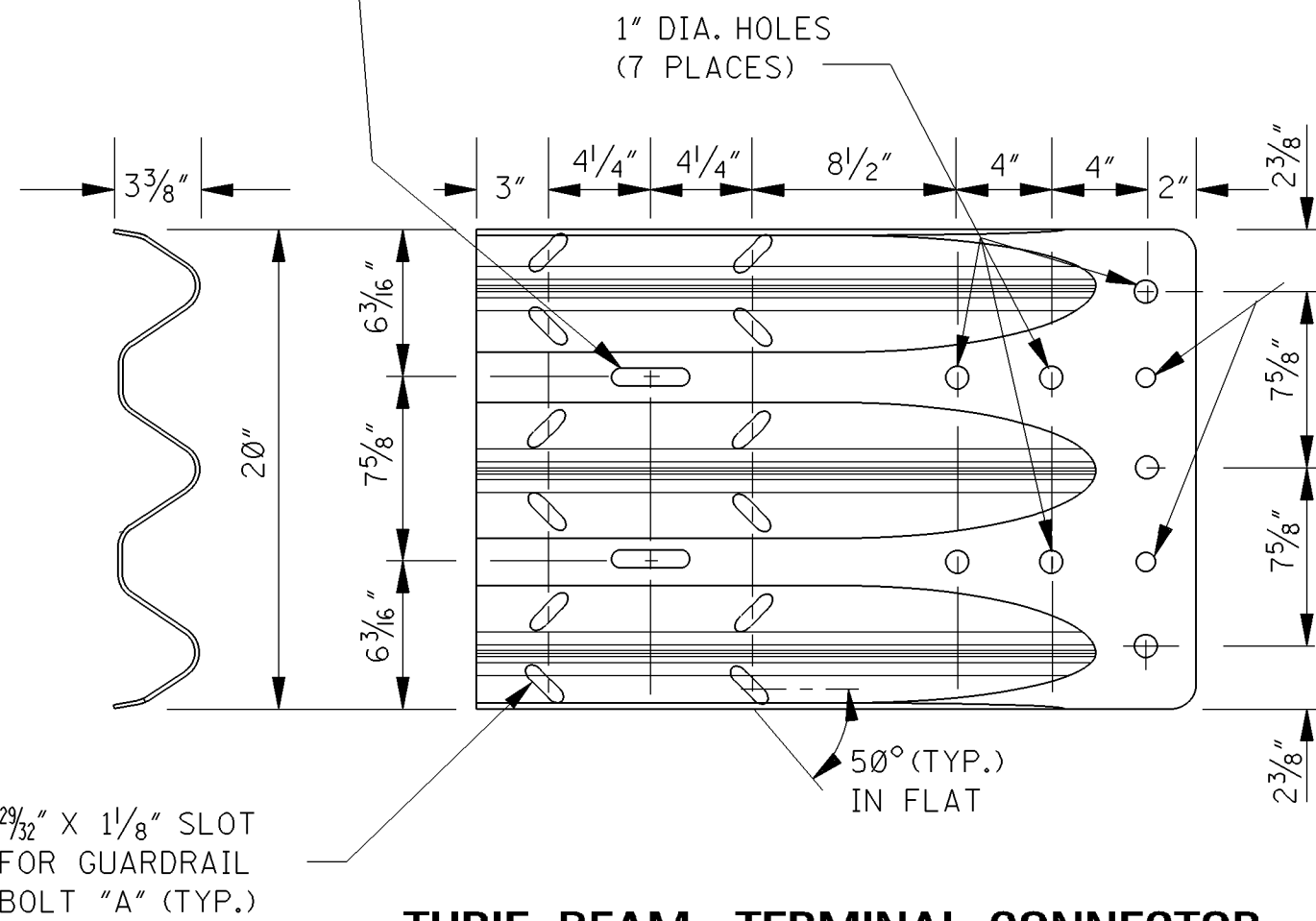
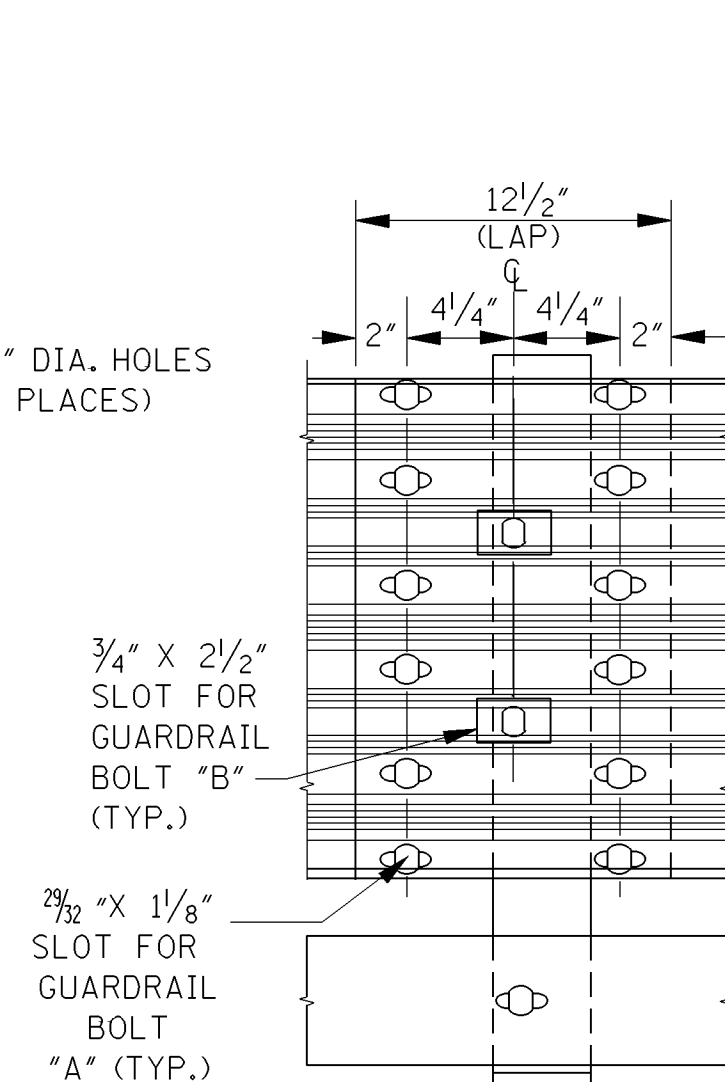


OPTIONAL: 3/4" X 2 1/2"
GUARDRAIL BOLT SLOT (TYP.).
HOLES USED ONLY WHERE
SPECIFIED ON PLANS.



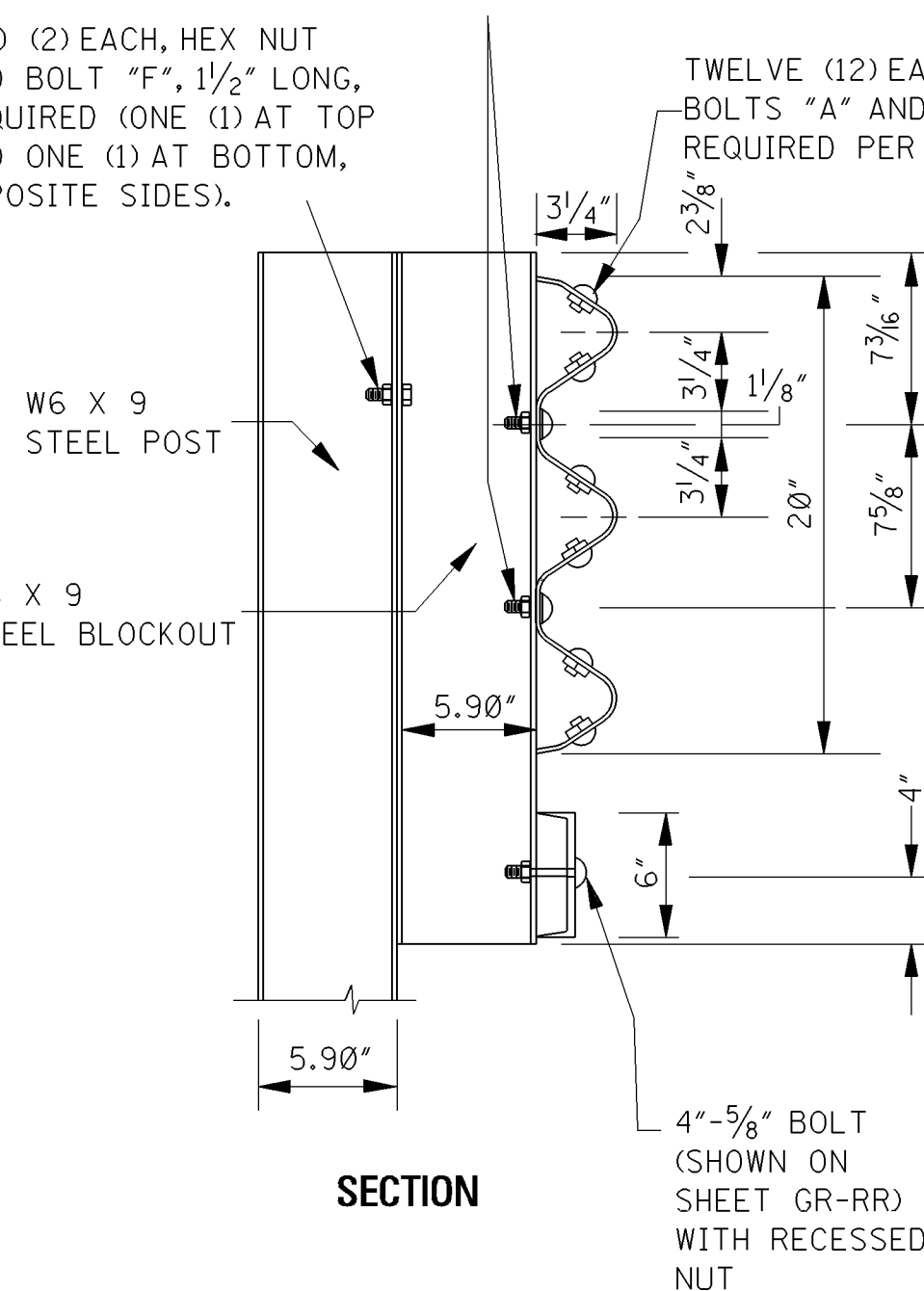
NOTES:

1. THE THRIE-BEAM TERMINAL CONNECTOR IS TO BE AASHTO M 180 CORRUGATED SHEET STEEL, CLASS B, TYPE 1.
2. ALTERNATIVELY, THE SPLICE SLOTS CAN BE ORIENTED PARALLEL TO THE LONGITUDINAL AXIS OF THE TERMINAL CONNECTOR. HOWEVER, THE 50° SLOT VERSION IS EASIER TO INSTALL WHERE SEVERAL GUARDRAIL SECTIONS ARE NESTED TOGETHER.

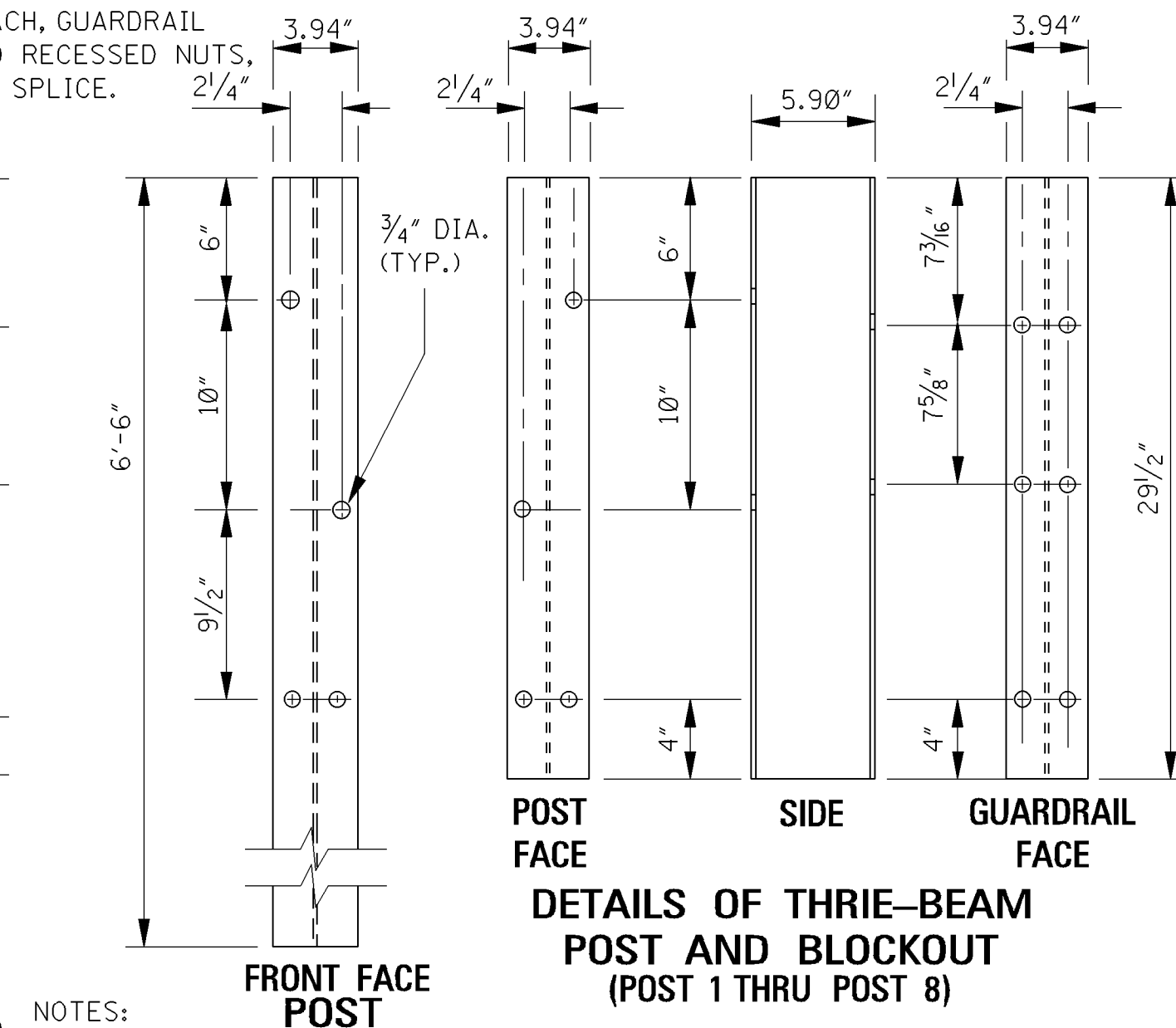


GUARDRAIL BOLT "B"
AND RECESSED NUT

TWO (2) EACH, HEX NUT
AND BOLT "F", 1 1/2" LONG,
REQUIRED (ONE (1) AT TOP
AND ONE (1) AT BOTTOM,
OPPOSITE SIDES).



GUARDRAIL SPLICE DETAIL
(POST 7)



NOTES:

1. HOLE DETAILS ARE REQUIRED FOR POSTS AND BLOCKOUTS 1 THRU 8.
2. STEEL POSTS AND BLOCKOUTS ARE FABRICATED FROM W6 X 9 STRUCTURAL STEEL SHAPES.
3. ALL HOLES IN BOTH POSTS AND BLOCKOUTS ARE 3/4" IN DIAMETER.

GENERAL NOTES (CONTINUED):

3. GUARDRAIL SHALL MEET THE REQUIREMENTS OF AASHTO M 180, CLASS A, TYPE 1 UNLESS OTHERWISE DESIGNATED.
4. THE TYPE "1" TRANSITION IS USED ON BOTH LEFT AND RIGHT SIDES OF EACH BRIDGE APPROACH WITH 2-WAY TRAFFIC AND THE GUARDRAIL SECTIONS SHALL BE LAPPED IN THE DIRECTION OF THE APPROACHING TRAFFIC.
5. POSTS AND BLOCKOUTS SHALL CONFORM TO AASHTO M 270/M 270M (ASTM A 709/A 709M) GRADE 250 STEEL UNLESS CORROSION RESISTANT STEEL IS REQUIRED IN WHICH CASE GRADE 50W STEEL SHALL BE USED. THE STRUCTURAL W6 X 9 DIMENSIONS ARE DEFINED IN AASHTO M 160M (ASTM A 6M). THE SECTION SHOULD BE ZINC-COATED PER AASHTO M 111 (ASTM A 123) AFTER CUTTING, DRILLING AND PUNCHING. CORROSION RESISTANT STEEL SHOULD NOT BE ZINC-COATED PAINTED OR OTHERWISE TREATED. GUARDRAIL IS EXEMPT FROM THE FRACTURE-CRITICAL TOUGHNESS IN AASHTO M 270/A 270 M.
6. FOR FASTENER DETAILS NOT FOUND ON THIS SHEET, SEE SHEET GR-1B.
7. DETAILS PERTINENT TO THE STANDARD INSTALLATION OF "W" AND THRIE-BEAM SECTIONS NOT SPECIFICALLY MODIFIED ON THIS SHEET WILL BE FOUND ON SHEETS GR-1B AND GR-1C, RESPECTIVELY.
8. FOR OTHER DETAILS OF POSTS, POST ACCESSORIES, FASTENERS & RAIL ELEMENTS, SEE AASHTO-AGC-ARTBA JOINT TASK FPRC NO. 13, TITLED "A GUIDE "A GUIDE TO STANDARDIZED HIGHWAY BARRIER HARDWARE," LATEST EDITION
9. STEEL BLOCKOUT SHOWN, WOOD BLOCKOUT PERMISSABLE. BOLT LENGTH FOR WOOD BLOCKOUT WILL BE SIMILAR TO THOSE SHOWN ON GR-2F

MISSISSIPPI DEPARTMENT OF TRANSPORTATION				WORKING NUMBER	
GUARDRAIL: BRIDGE END SECTION TYPE "1" (STEEL POSTS)				GR-2C	
FILENAME: _____				SHEET NUMBER	
DESIGN TEAM spell CHECKED reeves DATE 4-04-07					
4-01-07	DATE	4-01-07	DATE		
ADDED RUB RAIL AND BRIDGE END PAVT RAIL	REVISION	BY	DATE		